

**CLAIMS**

1        1. In a data processing system having a user terminal for entering a  
2 transaction request responsively coupled via a publically available digital  
3 communication network to an enterprise server for responding to said  
4 transaction request, the improvement comprising:  
5            a. A first gateway interposed between said user terminal and said  
6 enterprise server which converts said service request to a format suitable  
7 for response by said enterprise server without the use of a view buffer.

1        2. The improvement according to claim 1 further comprising a  
2 second gateway interposed between said user terminal and said enterprise  
3 server wherein said second gateway converts said service request to a  
4 format suitable for response by said enterprise server through the use of a  
5 view buffer.

1        3. The improvement according to claim 2 wherein said publically  
2 available digital communication network further comprises the Internet.

1        4. The improvement according to claim 3 further comprising an NT  
2 Server housing said first gateway and providing a WebTx environment.

1        5. The improvement according to claim 4 wherein said user terminal  
2 further comprises an industry compatible personal computer.

1        6. An apparatus comprising:  
2            a. A user terminal which generates a service request in a first format;

3           b. A publically accessible digital data communication network  
4 responsively coupled to said user terminal;

5           c. An enterprise server which honors said service request in a second  
6 format; and

7           d. A first gateway within a server responsibly coupled to said  
8 publically available digital data communication network and said enterprise  
9 server which converts said service request from said first format to said  
10 second format without the use of a view buffer.

1           7. An apparatus according to claim 6 further comprising:

2       a. A second gateway within said server responsively coupled intermediate  
3 said publically available digital data communication network and said  
4 enterprise server which converts said service request from said first format  
5 to said second format with the use of a view buffer.

1           8. An apparatus according to claim 7 wherein said publically  
2 accessible digital communication network further comprises the world wide  
3 web.

1           9. An apparatus according to claim 9 wherein said server further  
2 comprises WebTx middleware.

1           10. An apparatus according to claim 10 wherein said user terminal  
2 further comprises an industry compatible personal computer operating  
3 under Windows.

1           11. A method of processing a transaction comprising:

2       a. Composing a service request in a first formats;

3           b. Transferring said service request via a publically accessible digital  
4 data communication network to one of a gateway a server; and  
5           c. Converting said service request into a second format for  
6 processing by a legacy data base management system without the use of a  
7 view buffer.

1           12. A method according to claim 11 further comprising:  
2           a. Transferring said converted service request from said gateway to  
3 said legacy data base management system.

1           13. A method according to claim 12 wherein said publically  
2 accessible digital data communication network further comprises the  
3 Internet.

1           14. A method according to claim 13 wherein said first format further  
2 comprises HTML.

1           15. A method according to claim 13 wherein said first format further  
2 comprises XML.

1           16. An apparatus comprising:  
2           a. Means for generating a service request using a first format;  
3           b. Means responsively coupled to said generating means for  
4 transferring said service request via a publically accessible digital data  
5 network;  
6           c. Means responsively coupled to said publically accessible digital  
7 data network for converting said service request to a second format without  
8 using a view buffer; and

9           d. Means responsively coupled to said converting means for  
10 processing said service request in said second format.

1           17. An apparatus according to claim 16 further comprising means  
2 responsively coupled to said processing means for transferring said service  
3 request said second format to an end service provider via one of a plurality  
4 of connectors.

1           18. An apparatus according to claim 17 wherein said first format  
2 further comprises HtML.

1           19. An apparatus according to claim 18 wherein said publically  
2 accessible digital data communication network is the Internet.

1           20. An apparatus according to claim 19 wherein said generating  
2 means further comprises an industry compatible personal computer  
3 operating under Windows.